Christopher Dean

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Summary

- Graduate Student at UNC Chapel Hill
- Researching Problems related to password security
- B.S. in Computer Science and Mathematics from the University of Tennessee
- Honors graduate of Cookeville High School
- Experienced with C, Python, Linux, Git

Education

- **University of North Carolina at Chapel Hill, Fall 2019 - Present**
    - Pursuing Masters in Computer Science
    - Advisor: Mike Reiter
    - Courses included: Cryptography, Networking
- **University of Tennessee, Fall 2015 - Spring 2019**
    - Graduation: Spring 2019
    - Majors: Computer Science, Mathematics
    - Current GPA: 3.98 on a 4.0 scale
    - Dean's List- Fall 2015 - Spring 2019
    - Courses included: Programming Languages, Data Structures and Algorithms, Operating Systems/Systems Programming, Software Engineering, Cryptography, Compilers, Parallel Programming with MPI, Network Security

Experience

- Cisco Systems Advanced Security Initiatives Group Summer Internship (2019)
- TennLab Neuromorphic Computing Research (2018)
- Internship in Application Development at Pilot Flying J (2017)
- NSF REU for Cyber-Security in Smart Cities (2016)
- **Languages and Skills:**
    - C/C++
    - Python
    - Bash/Posix Shell Scripting
    - Git
    - HTML, Javascript, CSS (Including jQuery)
    - Java/C#

- **Significant Projects**

- Polling Application for classroom settings
- X86_64 Bootloader
- B+ Tree / FAT Implementation on Simulated Disk
- TAR Implementation
- Malloc Implementation
- Shell Implementation

Publications

Mookiah, Lenin, Chris Dean, and William Eberle. "Graph-Based Anomaly Detection on Smart Grid Data" *Florida Artificial Intelligence Research Society Conference (2017)*

Activities

- ACM, UTK Chapter - Teaching Director (2018-2019), Events Director (2018)
- HackUTK - President (2018-2019), Events Director (2017-2018), Member (2016-Present)
- Volhacks - Director of Operations (2018), Volunteer Coordinator (2017)

Awards

- Pete Barile, Sr. Design Competition Scholarship Recipient
- Finalist Vandyhacks III
- Two time winner of Capital One Best Use of API/Best Economic Hack (Vandyhacks III, HackNC 2017)
- Pro2Serve Math Contest 2014 - Top 10